COLEMAN DRAW QUADRANGLE UNITED STATES MONTANA - POWDER RIVER CO. DEPARTMENT OF THE INTERIOR 7.5 MINUTE SERIES (TOPOGRAPHIC) GEOLOGICAL SURVEY 4775 II NE (BEAVER CREEK SCHOOL) 27 30 28 29 25 33 35 32 36 31 T. 2 S. T. 2 S. T. 3 S. T. 3 S. 5 feet or more thick. 12 10 11 13 15 14 16 18 17 24 21 22 23 20 19 NOTE: Where no mining-ratio contour is shown in the outliers of Reserve 25 Base coal, the mining-ratio value is 26 28 29 less than 10. 30 32'30' 36 32 31 12 10 11 2'30" 106°00′ (YAGER BUTTE) 4774 I NE Compiled in 1977 SCALE 1:24 000 Base map from U.S. Geological Survey, 1966

COAL RESOURCE OCCURRENCE MAP OF THE COLEMAN DRAW QUADRANGLE,
POWDER RIVER COUNTY, MONTANA

COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1979

OPEN-FILE REPORT

This report has not been edited for conformity with
U.S. Geological Survey editorial standards or
stratigraphic nomenclature.

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EXPLANATION

\_\_\_\_\_ 200 \_\_\_\_\_

OVERBURDEN ISOPACH—Showing thickness of overburden, in feet, from the surface to the top of the coal bed. Isopach interval 200 feet (61 m).

BOUNDARY OF COAL 5 FEET OR MORE THICK— Drawn along the outcrop of coal bed and/or the inferred contact between burned and unburned coal and/or the 5-foot coal isopach. Arrows point toward area of coal

MINING-RATIO CONTOUR—Number indicates cubic yards of overburden per ton of recoverable coal by surface-mining methods. Contours shown only in areas suitable for surface mining within the stripping limit.

To convert feet to meters, multiply feet by 0.3048.

To convert yds<sup>3</sup>/ton to m<sup>3</sup>/metric ton, multiply yds<sup>3</sup>/ton by

PLATE 8

OVERBURDEN ISOPACH AND MINING-RATIO
MAP OF THE E COAL BED